

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 8:04 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 760 Const Calendar Day: 224 Date: 14-Jan-2013 Monday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 am 05:30 pm Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather**

Temperature 7 AM Below 40 12 PM 40 - 50 4PM 40 - 50

Precipitation 0.00"

Condition Sunny and cold

Working Day ☐ If no, explain:**Diary:**

Dispute

**Work description.**

- Began to prepare for surveying centerline of the E2 cap beam in relation to panel point 119, along with additional points in this vicinity.

☐**04-0120F4 Bid Item: 064 0-000-000.064 INSTALL STRUCTURAL STEEL (BRIDGE)(PIPE BEAM )(HINGE A)**

AMERICAN BRIDGE/FLUOR, A JV

**Labor**

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	LONNY CANDELARIA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	CHARLES LANIER	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	MATTHEW COCHRAN	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	JOHN ROCA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	KELLY TULL	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	PABLO RAMIREZ	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	RIGOVERTO GARCIA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	CARLOS BUSTAMANTE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	RYAN NASH	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	OBRA PAULK	8.00	2.00	0.00	10.00		<input type="checkbox"/>

**Diary:**

Dispute

**Work description.** 064 0-000-000.064

- Checked the location of one W-Line Hinge A pipe beam prior placing restraint bracket punchmarks. The following is the measurement taken on the W-Line Hinge A pipe beam longitudinal position today:

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Pipe Beam	Length from Diaphragm A	Measurement 01/08/13
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AW-S	587mm (Check before marking @ 7:50am)	599mm (12mm-East)

ABF ironworkers on the W-Line placed the following restraint brackets for centerpunching/markings at the following locations:

Pipe Beam	Diaphragm (East/West face)	Top/Bottom
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AW-South	A-West	Top



## Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 760

Date: 14-Jan-2013

Monday

AW-South

A-East

Bottom

The W-Line crew spent the rest of the day drilling holes in the AW-North pipe beam. Similarly the E-Line crew continued to drill holes in both Hinge A pipe beams. In the afternoon this crew began to install bolts for the AE-South diaphragm B top east side restraint bracket. I was informed by ABF engineer Andre Makarian that the McDermot lubricant was placed on the A490 bolt and nut threads. The bolts were snugged tight around 3:15pm and then the bolts were matchmarked to 1/2 turn. The gap of 5mm between the Hinge A pipe beam and the restraint bracket was closed after snugging the bolts. However when the ironworkers began to perform the 1/2 turn on a bolt near the top dead center it spun. After this happened the ironworkers spent the rest of the day trying to get a knocker wrench to hold the bolt head while performing the 1/2 turn. It should be noted that Smith Emery technicians are aware that tensioning these bolts is underway. Also Parviz Jalali is back from vacation and will be assuming responsibilities of this operation, with intermittent assistance from myself for restraint bracket lay-out.

### Attachment



Repair work needs to be done on the grout pad and pipe beam AW-North diaphragm B east side pipe sleeve painting.



Hinge A pipe beam AE-South diaphragm B top east side restraint bracket almost ready to be bolted to the pipe beam.



Access platforms on the South side of the W2 cap beam for stressing the CBT1-10 transverse tendons.